

# Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

**Supplier's name or trade mark:** Source

**Supplier's address:** SGD Limited, Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath. A84 YP58. Ireland.

**Model identifier:** S25W-5F-110V

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	CONSTANT CURRENT		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

## Product parameters

Parameter	Value	Parameter	Value
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### General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	25	Energy efficiency class	E
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	2 750 in Wide cone (120°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	4 000
On-mode power ( $P_{on}$ ), expressed in W	25,0	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	0,50
Networked standby power ( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	82
Outer dimensions without separate control gear, light-	Height	70	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	72	
	Depth	1 500	
			See image in last page

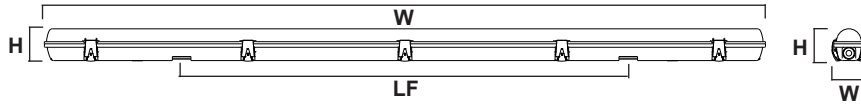
ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,389 0,388
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	213	Beam angle in degrees, or the range of beam angles that can be set	120
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	5	Survival factor	-
the lumen maintenance factor	-		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,90	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	.. <sup>(b)</sup>	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,1	Stroboscopic effect metric (SVM)	-

(a)'.': not applicable;

(b)'.': not applicable;

# Installation Guide

## IP65 CO-PRO LED NON CORROSIVE S25W-5F-110V



Model	Power	Description	L (mm)	W (mm)	H (mm)	LF (mm)
S25W-5F-110V	LED	25W, 2750LM, IP65	1550	72	70	960

**PLEASE READ INSTRUCTION MANUAL BEFORE COMMENCING INSTALLATION  
AND RETAIN FOR FUTURE REFERENCES.**

Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician

### Note:

Product technical information and specification may change over time without prior notification. For the latest technical information please visit our web site [www.sgd.ie](http://www.sgd.ie)

### Installation (see diagrams overleaf)

1. Ensure mains supply is switched off before commencing work.
2. Select suitable location for luminaire.
3. Safety note! The power supply cord must not be exposed to mechanical damage.
4. Disassemble the fitting base from the fitting.
5. Mark appropriate fixing hole positions on wall, check location of buried cables, pipes and other building services before drilling.
6. Drill holes in the ceiling and attach brackets to the ceiling.
7. Feed supply cables through cable entry hole and attach base to brackets.
8. Connect supply: Live L<sup>1</sup>C Brown, Neutral <sup>1</sup>C Blue and Yellow/Green - Earth.
9. Refit metal plate to base and ensure that it fits securely.
10. Attach diffuser to base using clips provided.

**Note:** This luminaire has no user serviceable parts. If damaged, disconnect from mains and discontinue use.

### Information for the End user:

Please note the requirement to dispose of Waste Electrical & Electronic Equipment separately from household waste (WEEE marked with crossed out wheelie bin symbol).

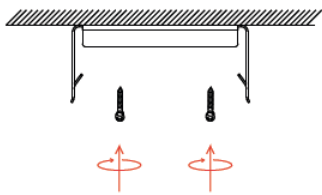
Please consider your role in contributing to re-use and recycling by returning this product at end of life to a collection centre for waste electrical equipment or a Civic Amenity site, or to a retail outlet from which you are purchasing a replacement.

This equipment may contain substances that are hazardous to health and the environment if disposed of carelessly. It is important that it is separated from normal household waste and recycled in the WEEE chain. The crossed out wheelie bin symbol on a product indicates this equipment must not be disposed of in normal household waste, but should be disposed of according to local WEEE regulations. Installation must be carried out by a qualified electrician.

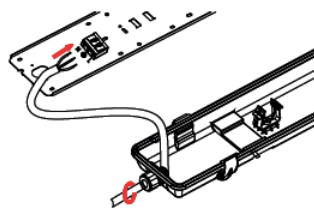
### Warning

- Make sure that the product is installed properly before connecting to electricity
- Maintenance and installation should be carried out by a professional electrician

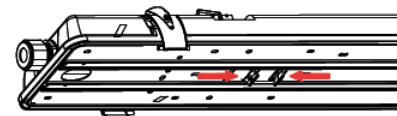
# Installation



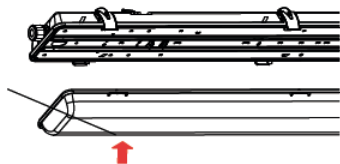
1. Take the 2 stainless steel brackets out of the accessories kit and screw them into ceiling using screws and expansion tubes.



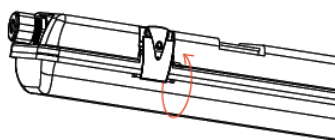
2. Fasten waterproof connector clockwise. Insert cable through waterproof connector and wire into terminal block. Make sure L, N and grounding wire are wired to correct holes



3. Fix reflector to lamp base using plastic holders



4. Close lamp diffuser and lamp base

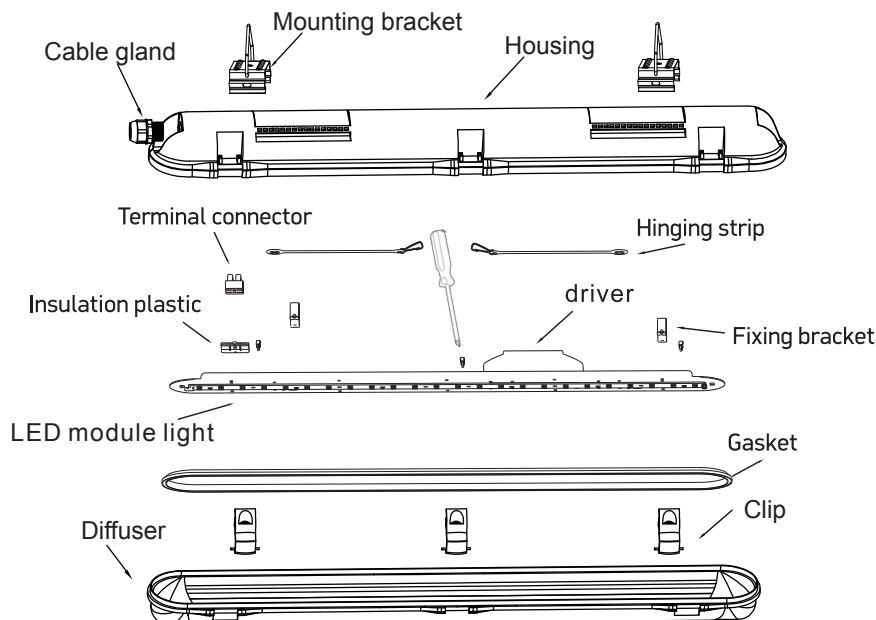


5. Fasten clips from accessories kit

## Product end of life instruction.

This Lighting product is in the scope of EU 2019/2020 directive on Waste Electrical and Electronic Equipment (WEEE). This product must be disposed according to the legislation. This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product. Please follow pictured diagram on the back of this manual showing how to dismantle the product into different components which should be disposed correctly. These components would consist of plastic, metal and electronic materials. It is the responsibility of the end user to dispose of this product correctly. [www.weeeireland.ie](http://www.weeeireland.ie) or contact your local council for further information.

## Disassembly Diagram



For more information contact:

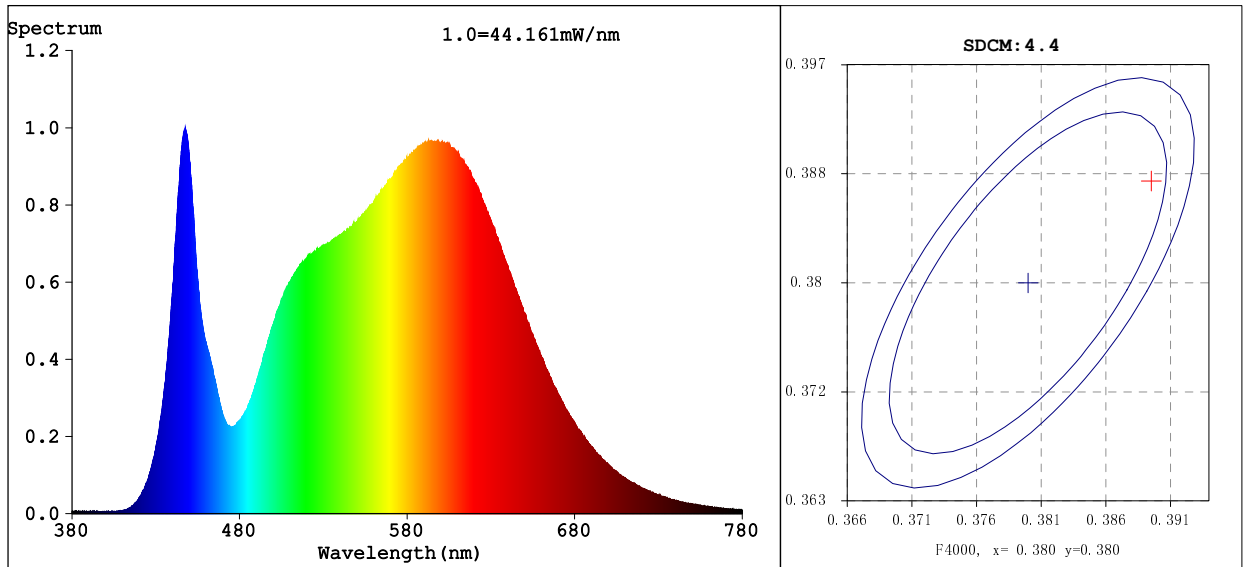
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, Ireland, A84 YP58, **Phone:** 00353 1 835 7447

Unit 32 Junction One Business Park, Valley Road, Birkenhead, Merseyside, UK, CH41 7ED, **UK Ph:** 0330 551 7000



**Website:** [www.sgd.ie](http://www.sgd.ie)

### Spectrum Test Report



#### Color Parameters:

Chromaticity Coordinate:  $x=0.3895$   $y=0.3879$  /  $u'=0.2266$   $v'=0.5077$   
CCT=3847K (Duv=0.0026) Dominant WL:Ld =578.4nm WL:Lc = --nm Purity=33.3%  
Ratio:R=18.8% G=77.9% B=3.3% Peak WL:Lp=447.6nm FWHM=19.0nm  
Render Index:Ra=83.8 AvgR=77.4

R1 =82    R2 =88    R3 =95    R4 =84    R5 =82    R6 =85    R7 =87  
R8 =66    R9 =11    R10=74    R11=85    R12=66    R13=83    R14=97    R15=75

#### Photo Parameters:

Flux = 2456 lm    Eff. : 97.60 lm/W    Fe = 7.386 W

#### Electrical parameters:

V = 111.18 V    I = 0.2284 A    P = 25.16 W PF = 0.9908  
LEVEL:OUT    WHITE:ANSI\_4000K  
Status: Integral T = 45 ms Ip = 12472 (19%)



## EU DECLARATION OF CONFORMITY

**Manufacturers Name:** Solas Geal Distribution  
Unit 7/8 Ashbourne Business Centre, Ballybin Road, Ashbourne, Co. Meath, A84 YP58.

**Declaration Number:**  
108-S25W-5F-110V

This declaration of conformity is issued under the sole responsibility of the manufacturer.

**Products:**  
IP65 LED 5FT 110v corrosion proof luminaires 25Watt 4000k /2750lm

**Model Number:**  
S25W-5F-110V

The product/model of the declaration described above is in conformity with the relevant  
Community harmonisation legislation:

**Low Voltage Directive (2014/35/EU)**  
**RoHS Directive (2011/65/EU)**

The product/model of the declaration described above is in conformity with the standards  
and technical specifications listed below:

EN60598-1:2015, EN60598-1:2015/A1:2018, EN60598-2-1:1989, EN62493:2015



*Signed:*

*Date:*

*Place of Issue: Republic of Ireland*

